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Manœuvres

FOR A

Battalion of Infantry,

UPON

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By a GERMAN OFFICER.

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Manœuvres, &c.

Principles of Manœuvering.

1ſt. THAT the front Rank be always neareſt the Enemy, advancing or retreating.

2d. That wheeling of long Lines be avoided as dangerous on broken, and difficult even on plain Ground.

3d. That all Manœuvres be executed by one ſingle Order, and that they be as ſimple as poſſible.

4th. That even in Retreats when the Battalion is ordered to form, it ought to be performed by a progreſſive Movement, as it will always give the Men more ſpirits to advance upon, than to retire from an Enemy.

Different kinds of Manœuvres.

All Manœuvres are begun either from the Flanks, from the centers of Battalions, Wings, &c. or by Diviſions marching in Front, doubling, &c. They may therefore be reduced to

1ſt. Flanks Columns by ſingle Ranks.

2d Flank Columns by Files.

3d. Flank Columns by Platoons.

4th. Center Columns by Files,

5th. Center Columns by Platoons and Sub-Diviſions.

6th. Marching in Lines alternately.

7th. Doubling by Platoons, Sub, and Grand Diviſions.

8th. Forming the Square.

9th. Forming the Oblong

N. B. The ſtanding Order is printed in Italic. The 1ſt. Poſition is couloured Black, the 2d. Yellow, the 3d Red, the 4th Green, and the Place the Battalion forms upon, will often be only dotted to avoid Confuſion.

Flank Columns by ſingle Ranks.

N°. 1.

Grand Diviſions by the Right advance by Files and form Columns of ſingle Ranks.

Explanation.

Turn to the Right.
March out to the Front—Plate 1ſt.
Front Rank double your Pace—P. 1ſt.
Center Rank follow the Front
Rear Rank follow the Center.

N. B. It may ſtill be done quicker by the Files turning to the Right, and Front Center and Rear Rank Man of each, following one another.

Flank

Flank Columns by ſingle Ranks.

Form the Battalion.

Front Rank march ſlow, P. 1ſt.
Center and Rear Ranks double your Pace.
Turn to the Left
To the Right Wheel. P. 3d.
March obliquely and Dreſs. P. 3d.

N. B. This Manœuvre is neceſſary in Bruſh Wood Countries, where three Men cannot March in Front.

Flank Columns by Files.

N°. 2.

Wings——P. 2. } *By the Right advance*
Grand Diviſions P. 1. } *by Files.*

Turn to the Right.
March out to the Front, P. 1 and 2.

Form the Battalion.

Turn to the Left
To the Right wheel. P. 2. and 3.
March obliquely and dreſs.

N°. 3.

Wings } *by the Right retire by*
Grand Diviſions } *Files.*

Turn to the Right.
March out to the Rear, P. 4.

Form

Form the Battalion.

Turn to the Left
To the Left wheel, P. 4.
March obliquely and Dreſs. } 1ſt. Method.

Turn to the Right
To the Left wheel
March obliquely and Dreſs
To the Right about } 2d. Method.

Flank Columns by Platoons.

N°. 4.

Wings
G. Diviſions } *Form Columns advancing from the Right by Platoons.*

Right Hand Platoons march out to the Front, Platoons march obliquely to the Right and cover, p. 5.

Form the Battalion.

Leading Platoons halt
Platoons turn to the Left
March
Turn to the Right
March obliquely and Dreſs, P. 5.

N°. 5.

Wings
G. Diviſions } *Form Columns retiring from the Right by Platoons.*

To the Right about
Right Hand Platoons march out
To the Rear, P. 6.
Platoons march obliquely and cover P. 6.

Form

Form the Battalion.

Turn to the Right about
Leading Platoons Halt
Platoons turn to the Right, P. 6.
March obliquely and Dreſs, P. 6.
} 1ſt. Method

Leading Platoons Halt
Platoons Turn to the Right
March obliquely and Dreſs
To the Right about
} 2d. Method.

Center Columns by Files.

N°. 6.

Battalion
Wings } *From your* *dvance by*
G. Diviſions. *Files.*

Turn to the Center, P. 7.
March out to the Front.

Form the Battalion.

Turn to your Front
To the Right and Left wheel by Platoons
March obliquely and Dreſs
} 1ſt. Meth.

Turn to your Front
To the Right and Left wheel by G. Diviſions
} 2d. Method.

Bat-

N°. 7.

Battalion
Wings
G. Diviſions } *By your Flanks retire by Files in Column.*

Turn from your Center outwards
Counter-March by Files, P. 8.
March out to the Rear in Columns

Form the Battalion.

Turn to your Front
To the Right and Left wheel by Platoons, P. 8. } 1ſt. Method
March obliquely and Dreſs

Turn to your Front
To the Right and Left wheel by Wings or Grand Diviſions } 2d. Method.

N°. 8.

Grand Diviſions form a ſolid Column advancing by Files.

Turn to the Center of the Battalion.
March out to the Front, P. 9.
Incline to the Center.
Dreſs in Front.

Form the Battalion.

Turn to your Front
Regain your proper diſtance P 9.
To the Right and Left wheel
March obliquely and Dreſs } 1ſt. Meth.

Turn

Turn to your Front
Regain your proper distance
To the Right and Left wheel } 1st. Method.
by Grand Divisions

N°. 9.

Grand Divisions form a solid Column retiring by Files.

Turn from the Center of the Batt. outwards.
March out to the Rear
Incline to the Center, P. 9.
Dress in Front.

Form the Battalion.

Turn to your Front.
Regain your proper distance.
To the Right and Left wheel.
March obliquely and Dress.

Center Columns by Platoons and S. D.

N°. 10.

Battalion } *By Platoons advancing form Column.*
Wings } *from your Center.*

Center Platoons * march out to the Front.
Platoons march obliquely and Dress, P. 10.

Form the Battallion.

Leading Platoons Halt, or march slow
Platoons March obliquely and Dress p 10

N°. 11.

Battalion } *By Platoons retiring form Columns by*
Wings } *your Flanks.*

Battalion to the Right about.

Flank Platoons march obliquely to the Center, P. 11.

Platoons cover and Dreſs, P. 11.

Form the Battalion.

Battalion to the Right about.

Platoons march obliquely to the Front and Dreſs, P. 11.

No. 12.

Battalion Wings } *By Sub Diviſions advancing form Columns from your Center.*

Center Sub Diviſions march out to the Front, P. 12.

Sub Diviſions march obliquely and cover.

Form the Bottalion.

Leading Sub Diviſions halt, or march ſlow.

Sub Diviſions march obliquely and Dreſs, P. 12.

No. 13.

Battalion Wings } *By Sub Diviſions retiring form Column from your Flanks.*

Battalion to the Right about.

Flank Sub Diviſions march obliquely to the Center, as P. 11.

Sub Diviſions cover and dreſs, as P. 11.

Form the Battalion.

Battalion to the Right about.

March obliquely to the Front and Dreſs, as P. 11.

March-

Marching in Line alternately.

No. 14:

The Battalion to retire by Sub Diviſions olternately.

Right Hand Sub Diviſions fire from Right and Left and retire 100 Paces.

Left Hand Sub Diviſions fire from Right and Left and retire 200 Paces thro' the Interval.

Form the Battalion.

When the Right or Left Hand S. D. have fired they retire, halt in the Intervals and come to the Right about.

Doubling by Platoons Sub and Grand Diviſions.

No. 15.

Left H. { *Platoons*, *S. Diviſions*, *G. Diviſions* } *March obliquely to the Right and Cover.*

Form the Battalion.

{ *Platoons*, *S. Diviſions*, *G. Diviſions* } *March obliquely to the Left & Dreſs.*

Forming the Square.

No. 16.

Battalion form the Square advancing from the Center.

(The Two) Center Companies march out to the Front.

Wings turn to the Center, as P. 13.

March out to the Front by Files.

(The Two) Rear Companies turn to your Rear.

To the Right and Left wheel inwards, 2. 1.

Battalion turn to the Front.

Form the Battalion.

Leading Companies halt or march ſlow.

Companies to the Right and Left wheel, P 13.

March obliquely and Dreſs.

No. 17.

Battalion form the Square retiring from the Center.

Battalion to the Right about, P. 14.

March.

Center Companies halt and Front.

Wings wheel inwards, or Sub Diviſions to the Right and Left wheel, march obliquely and form the Flanks.

Rear Companies to the Right and Left wheel inwards—1—2.

Form the Battalion.

As No. 16. P. 13. only Rear Companies halt.

Forming the Oblong.

No. 13.

Battalion form the Oblong advancing from the Center.

Center Platoons march out to the Front, P 13.

Wings turn to the Center.

March

March out to the Front by Files.

Rear Platoons turn to your Rear. 1 2.

Wheel inwards, 1 2.

Battalion turn to the Front.

Form the Battalion.

As deſcribed No. 16, P. 13.

No. 19.

Battalion form the Oblong retiring from the Center.

Battalion to the Right about.

March.

(The Two) Center Companies halt and Front P 14.

Wings wheel inwards, or rather Sub Diviſions to the Right and Left wheel.

March obliquely and form the Flanks of the Oblong.

Rear Companies wheel inwards, 1 2.

Form the Battalion.

Rear Company Halt.

The Reſt performed as No. 16. P 13,

No. 20.

The Battalion marching by Files.

Battalion, upon the march form the Oblong.

Leading Sub Diviſion to the Right wheel

Right Hand S. D. in marching by Files, incline to the Right, and Left Hand S. D. to the Left.

Cloſe your Diſtances, P. 15.

Rear

Rear Sub Diviſion turn to your right, to the left wheel, and cloſe to the oblong. 1.

Form the Battalion

Front and Rear Sub Diviſions halt, the others wheel to the right.

Sub Diviſions, to the Left march obliquely and dreſs.

N. B. when the Battalion marches by Companies at half diſtances the above is done quickly the common way practiced by all Regiments.

Forming two Deep.

No. 21.

Battalion, Form two deep.

This is entirely performed by the Rear Rank, which is told off as for performing the manuel exerciſe into Front and Rear half files. The Man told off Front moves up into the front rank, leaving his file leader upon his left hand, and the man told off Rear follows him and takes place in the center rank. P. 17 fig. 2d

Battalion form three deep.

The Rear rank men ſtep back, incline to the Left and cover their file leaders.

N. B. In Country where three men can't march abreſt, all the foregoing manœuvres may be perform'd, by firſt forming two deep as above.

RE-

REMARKS.

MANY of theſe Manœuvres may be altered a little upon Occaſion; for Inſtance, by No 7. a Battalion retires by Files in Column, and is entirely paſſed the Defilée, before it is ordered to form, and then they wheel to the Right and Left, and march obliquely; but if it is neceſſary to line a Ravin, &c. at the Defilée, farther than which, one does not chuſe to retreat; then the two firſt Platoons that paſs, march to the Right and Left, leaving Room between them for the Battalion to form, and as ſoon as they have got to their proper Diſtance, they line the Defence, and endeavour to keep up a croſs fire to protect that Part of the Battalion, not then paſſed.

It would be abſurd to fix Places in theſe Manœuvres for the Grenadier Company, as its Place when with the Battalion (which ſeldom happens) muſt be regulated by the commanding Officer's private Order, according to the ſituation of the Ground; for Inſtance in Plate 7. A Battalion paſſes two Bridges, and if near the Right Hand one, on the other ſide the River, there is an old Caſtle: The Grenadier Company ought to paſs the Right Hand Bridge, drive the Enemy from the Caſtle, and take Poſſeſſion of it, by which they protect one Flank.

I ſhall not here enter into the Uſes of theſe Manœuvres, as that would oblige me to augment their number. As the Principles of them are laid down and Examples enough given; every Officer may invent new ones, to anſwer the Situation he is in with his Battalion. I ſhall conclude this Eſſay by adding two more upon Retreats, from a larger Treatiſe now in Hands.

RETREATS.

——" And the Battalion of Grenadiers make " the Rear Guard, marching by its right."

N. B. The Battalion marches to its Right by Files.

Turn to your Rear, (or Right) P. 16. *and*
To the Left wheel by Platoons.

March—C. P. 16.

To the Right form the Battalion.

Battalion turn to the Right about—c

Platoons march obliquely to the Right and Dreſs—D.

It happens ſometimes that a Battalion is attacked upon its Flank, in which Caſe the following Orders muſt be given, for Inſtance, if your Enemy are approaching the left Flank,

" *Battalion to the Left change your Front.*

" Battalion to the Left wheel by Sub Diviſions, P. 17".

" To

" To the Left march obliquely and Dreſs."

If the Enemy is ſo near as to prevent the Manœuvre being finiſhed, then the firſt Sub Diviſion fires and retires to 1—the ſecond halts, fires and retires to 2—the third halts till the Enemy approaches nearer, and fires and retires to 3.

The others obſerve the ſame Order, and the laſt likewiſe halting as long as poſſible, to give the others Time to load again and form the Line, and then it fires and retires to 8.

Memorandum.

BY turn to the Rear it is always meant that the Rear Rank ſhould then have at its Back the Center, and Front, and by turn to the Front, vice verſa, for inſtance, a Battalion marching by Files to its Right, is ordered to turn to its Rear, the Rear Rank then becomes a Front, as P. 16. B. And does not turn to the Right about towards the Rear of the Battalion.

In No. 4. Theſe Orders are given,

" Right Hand Platoons march out to the Front."

" Platoons march obliquely to the Right and Cover.

Both theſe orders are executing at the ſame Time, therefore the laſt of them is only addreſ- to the remaining Platoons; this is to be remem-

bered in all the Explanations becauſe every Part of the Battalion muſt be moving at the ſame Inſtant, and therefore it never will Manœuvre well till the Explanations are laid aſide and nothing heard in the Field but the ſingle Order printed in Italics, and then the word halt, made Uſe of in the Explanations will be no more neceſſary, in place of which, part of the Battalion will march ſlow till the reſt are come into their proper Place.

Wherever there is a 1ſt and 2d method here mention'd the firſt is ſuperior to the ſecond, as for example, in No. 5 the 2d method is performed with their backs to the enemy and retiring from them in the very act of forming, which is contrary to the 4th principle: It may be alleged that it is ſo performed, by the 20th and 33d. who practice Wolfe's Manœuvres, and that it is neceſſary they ſhou'd do ſo when they are not to gain ground the right or left, but if the four columns will incline but a little to the right in marching they neither will have gained ground to the right nor left when ordered by the 1ſt method to form again.

To diſtinguiſh the front from the rear, it is coloured with black yellow &c. According to the different poſitions; the way the Platoon march is dotted, at leaſt one wing or grand diviſion is, the others ſometimes are not, as whatever is performed by one wing &c. is likeways performed by the others ſo need not be thus marked.

Words

Words of Command for the Manœuvres, deliniated in the following Copper-plates,

21 Manœuvres.

1 P. 1.

GRAND Divisions by the Right advance by Files, and form Columns of Single Ranks. 2 P. 1 and 2.

Wings / G. Divisions } by the Right advance by Files.

3 P. 4

Wings / G. Divisions } by the Right retire by Files.

4 P. 5

Wings / G. Divisions } form Columns advancing from the Rt. by Platoons.

5 P. 6

Wings / G. D. } form Columns retiring from the Right by Platoons

6 P. 7

Battalion / Wings / G Divisions } From your Center advance by Files

7 P 8

Battalion / Wings / G Divisions } By your Flanks retire by Files in Column

8 P 9

G Divisions, form a solid Column advancing by Files. 9 P 9

G. Divisions, form a solid Column retiring by Files. 10 P 10

Battalion / Wings } By Platoons advancing, form Columns from your Center.

11 P 11

Battalion / Wings } By Platoons retiring, form Columns from your Flanks

12 P 12

Battalion, Wings } By Sub Divisions advancing, form Columns from your Center

13 P 11

Battalion, Wings } By Sub Divisions retiring form Columns from your Flanks

14

Battalion, retire by Sub Divisions alternately.

Left { Platoons, S Divisions, G Divisions } 15 March obliquely to the Right and Cover

16 P 13

Battalion, form the Square, advancing from the Center

17 P 14

Battalion, form the Square retiring from the Center

18 P 13

Battalion, form the Oblong, advancing from the Center

19 P 14

Battalion form the Oblong, retiring from the Center

20 P 15

Battalion, upon the march, form the Oblong

21 P 17 fig 2d

Battalion, form Two deep.

N. B. Notwithstanding that the word Halt is employed in the before mentioned Explanations, yet the Manœuvres will be better performed if the Battalion continues moving, especially where oblique marching is required to Form.

In forming the oblong retiring, it will be better to wheel by platoons, than by Sub Divisions.

In place of wheeling upon the center: Left wing, to the right about. Sub Divisions to the left wheel. March obliquely and dress. Left wing to the right about.

EX-

EXPLANATION.

In the firſt Column marked Files look for any number, example 24 Files ſecond and third, Platoons mar'd 12 and 16, you ſee by inſpection that 24 Files makes 12 Platoons of 2 Men each, of 16 Platoons 8 of 2—and of 8 of 1—of Subdiviſions 8 of 3, which makes the 24 Files anſwer in Platoons and Sub diviſions; in all others the ſame.

FINIS.

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Large Fowls, if we cannot have them whole, their Head, Legs and Wings are acceptable; ſmall Birds are eaſily preſerved by opening their Bodies, under the Wing, and taking out their Entrails, ſtuff them with Oakum or Tow, mix'd with Pitch or Tar, and being thoroughly dried in the Sun, wrap them cloſe, and keep them from Moiſture.

The Eggs of all, with the Neſts of the ſmall, not omitting thoſe of Snakes, Lizards and Tortois's, Sea Eggs, Urchins and Stars.

Plants; take that part of either Tree or Herb with Flower, Seed, or Fruit on them, but if none, gather them: and if the Leaves, by the Root, differ from thoſe above, take both, put them into a Book, or a Quire of brown Paper (which you have with you) when gathered, and once a Week ſhift them to a freſh Place, to prevent rotting them or the Paper.

Plants, Seeds, and dry Fruits, as Nuts, Pods, Heads, Huſks, &c. with their Leaves, Flowers, and Fruit, if poſſible, dried and wrap'd in Paper; alſo a piece of the Wood, Bark, Root, Gum or Roſin, of any Tree or Herb, that is remarkable for Beauty, Smell, or Virtue.

Inſects, as Beetles, Spiders, Graſhoppers, Bees, Waſps, Fire flies, &c may be drowned as caught in a wide mouthed Glaſs or Phial of the ſaid Spirits or Pickle, which you may carry in your pocket. But Butterflies and Moths, or Night-Butterflies having mealy Wings, which may be rub'd off with the Fingers, ſhould after giving the Body a Pinch, be pin'd in a chip or cork bottom'd Box, covering them with Tobacco duſt, Snuff or beat Pepper to ſave them from Inſects.

Sea-ſhells are very acceptable, yet the land and freſh water are the moſt rare. Get them alive and keep them whole.

Shells &c. not otherwiſe to be had, are to be found in the Stomachs of various large Fiſh and ſometimes in ſmall, as Soles, &c. and on the Backs of Whales, &c.

Oyſters, Cockles, Scollops, &c. viz. Bivalves, or Shells in Pairs, ſhould be preſerved with their original Ligaments or Fixtures.

Sea and Water-ſhells of the Trochi, Wilk, Snail, Volute or Buccina, &c. Species, have an Operculum or Door, without which they are not compleat; theſe they ſhut when at reſt to defend: the few without adhere to Rocks, or Ground, for defence.

Clear the large of their Fiſh without boiling if poſſible: the ſmall may be kept with the Operculum, and Fiſh in them, without offence, in Bran, Sand, &c. to be dry.

Boiling oft hurts, and even changes the Colour, as Lobſters, Crabs, &c. Corals, and all Sea Plants; Weeds, &c. are beautiful.

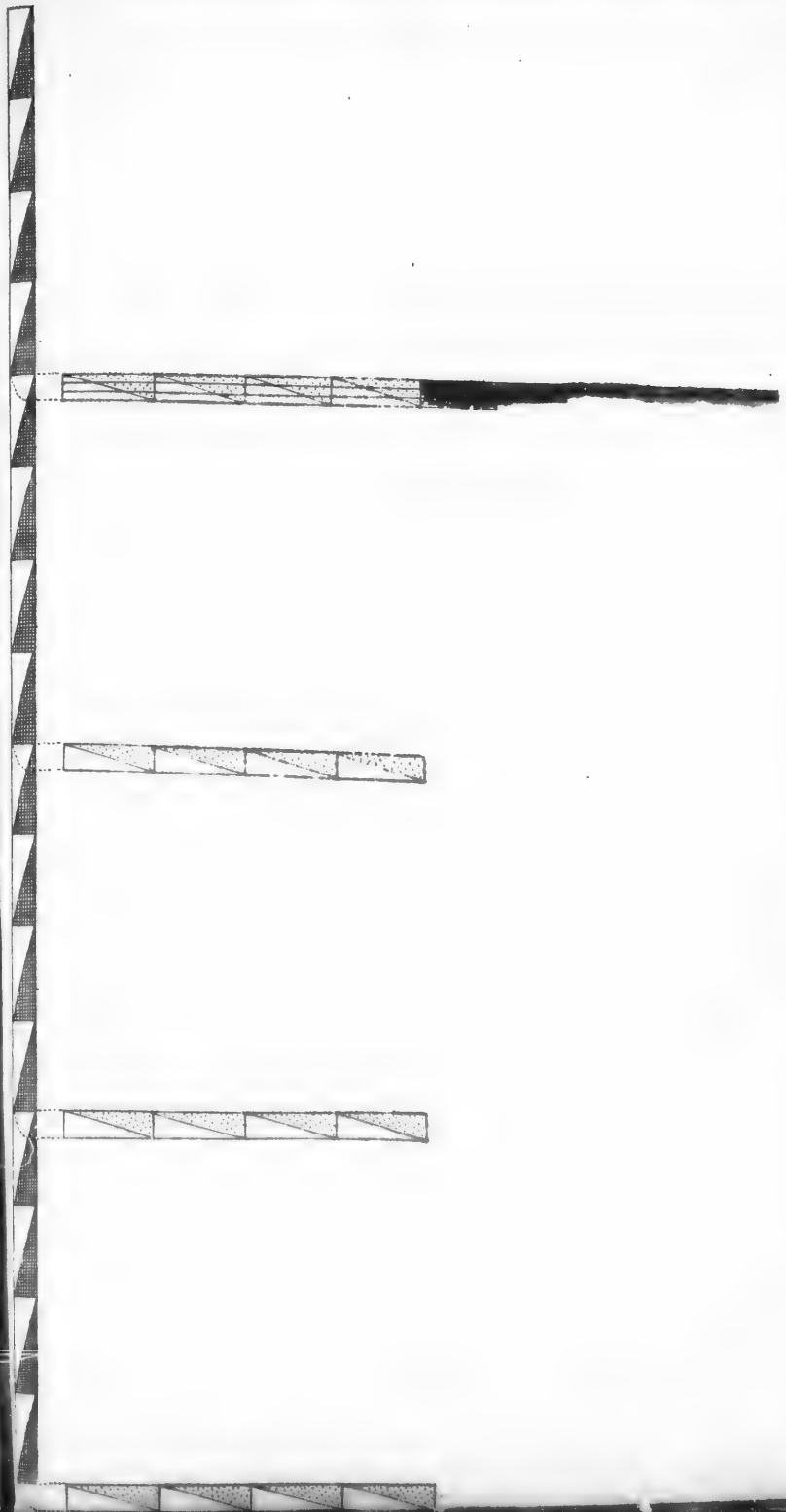
Never let your Shells, Corals, &c. be touch'd with any coroding Acids, ſuch as Spirits of Salt, Aqua-Fortis, Vinegar, &c. which will entirely deſtroy or exhauſtthem

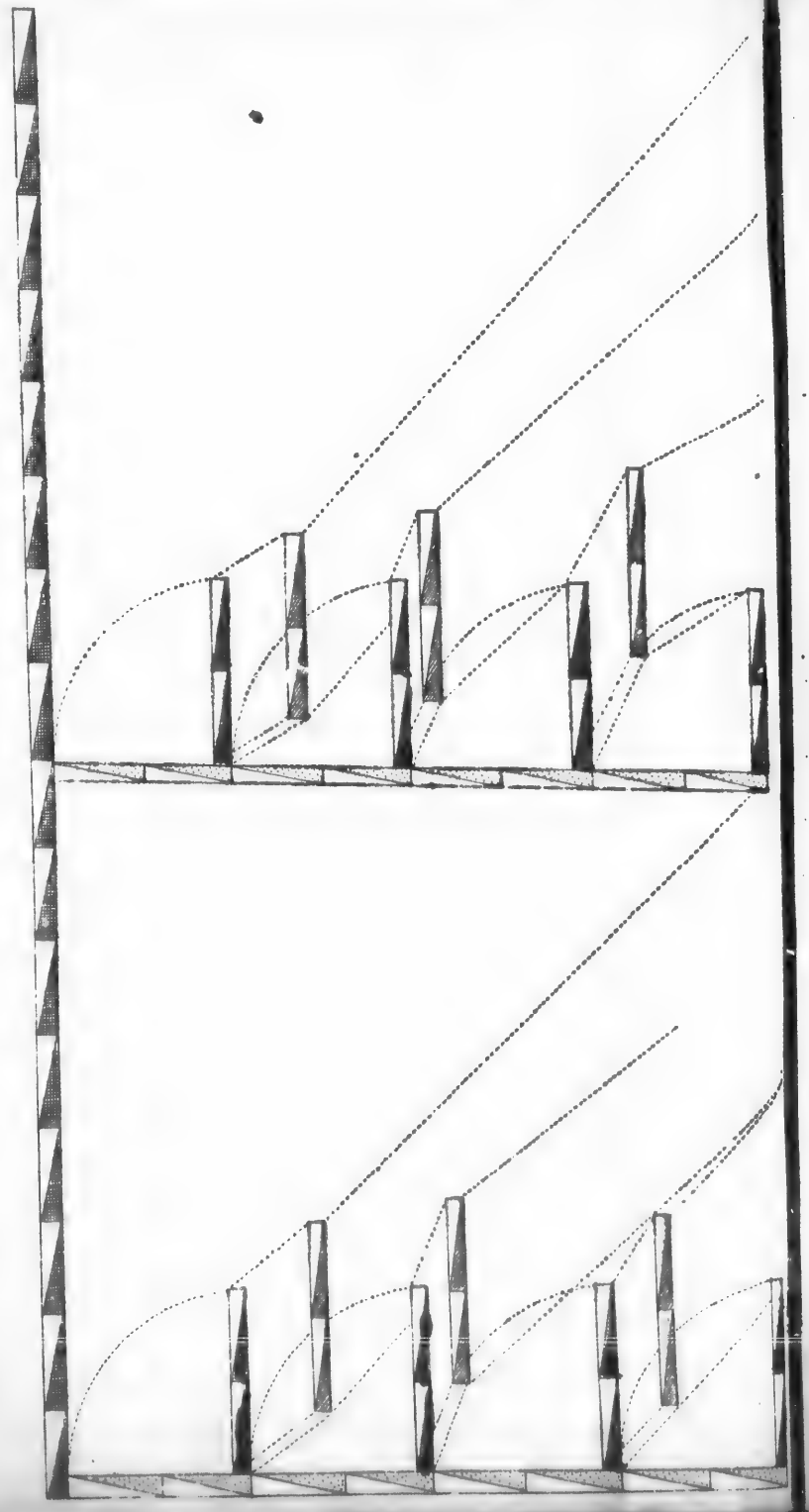
Small } Specimens } Large } Animals and Shells
Large } of the } Small } are moſt eſteem'd.

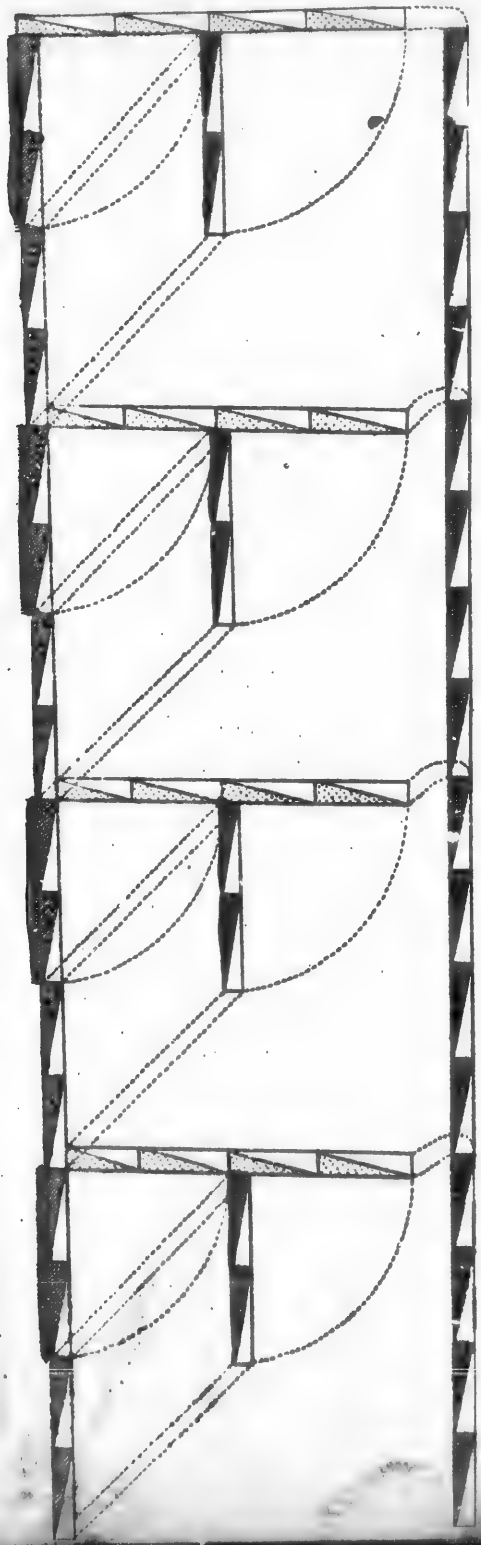
when the different ſizes cannot be had.

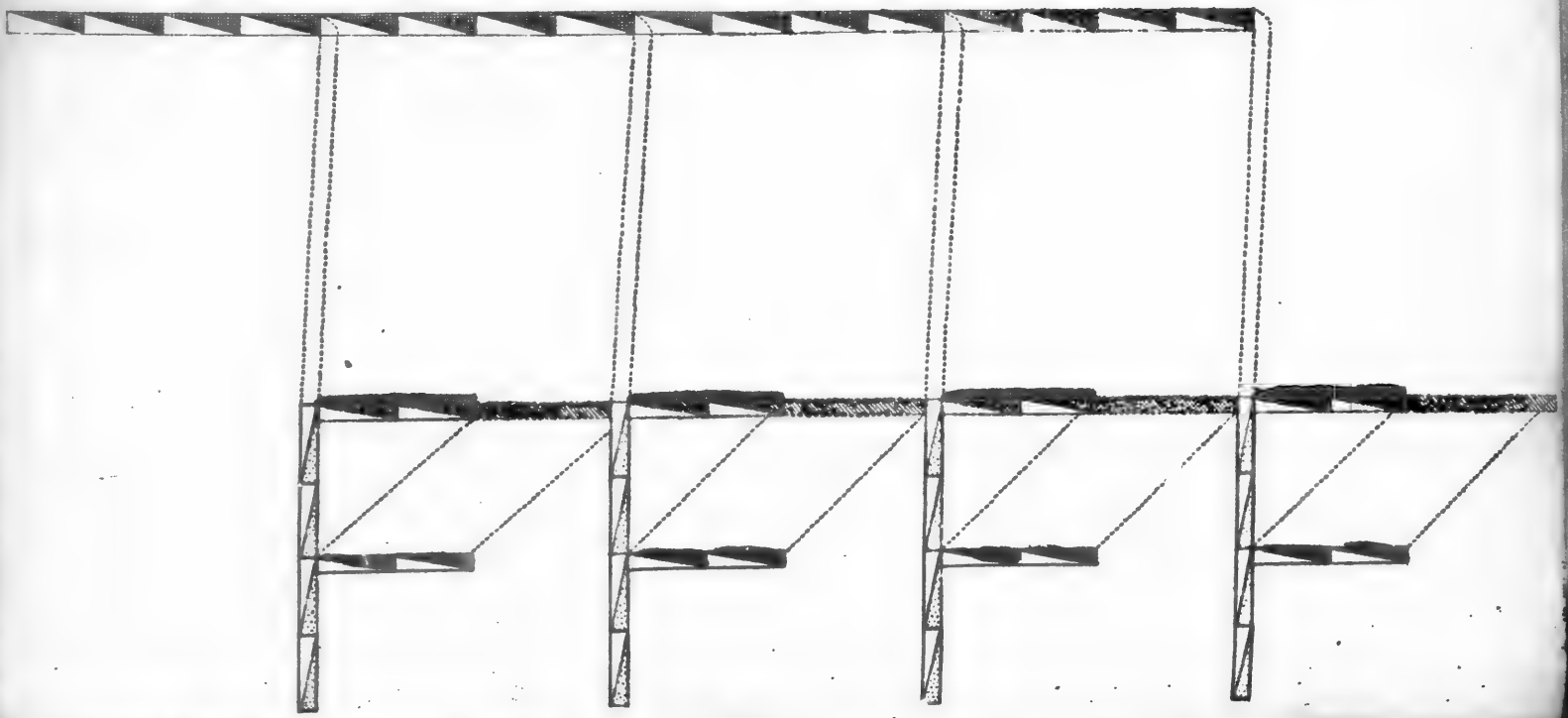
All coloured Stones, Earths, Clays, Minerals, Metals and Ores, to be taken as you find them; Stones as have any reſemblance to Shells, Fruits, Wood, Bones, &c. to be got as rare as you can, and Slates that have the Impreſſion of Plants, Fiſhes, Inſects, or other Bodies in or upon them; found in Quarries, Mines, Pits, Caves, or wherever the Earth is opened.

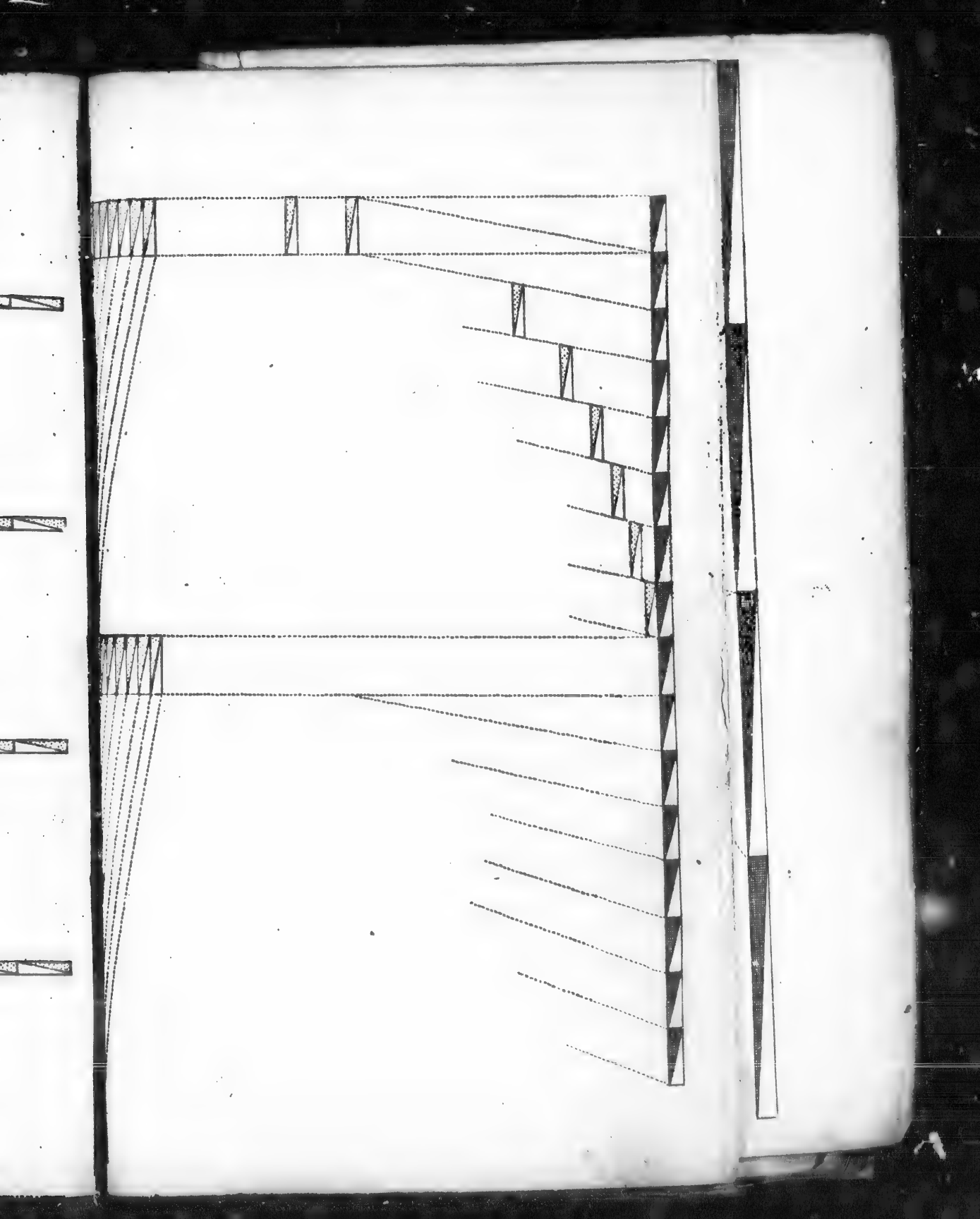
N. B. Amongſt Plants, the moſt common Graſs, Ruſh, Moſs, Fern, Thiſtles, Thorns, or vileſt Weeds you can find abroad may meet with the ſame acceptance as ſcarcer Plants; ſo in all other things the moſt common as well as rare, *i. e.* whatever you meet with, may prove acceptable Preſents, and have gain'd Preferment where Money could not avail.

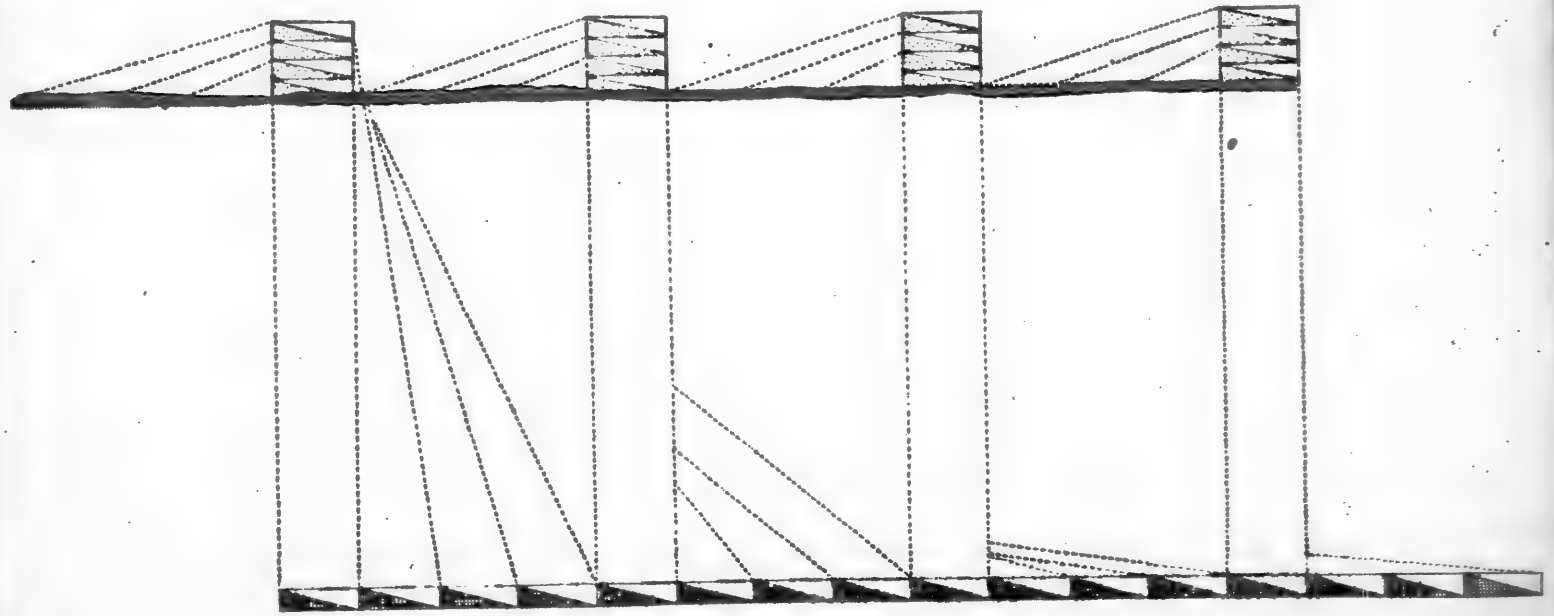


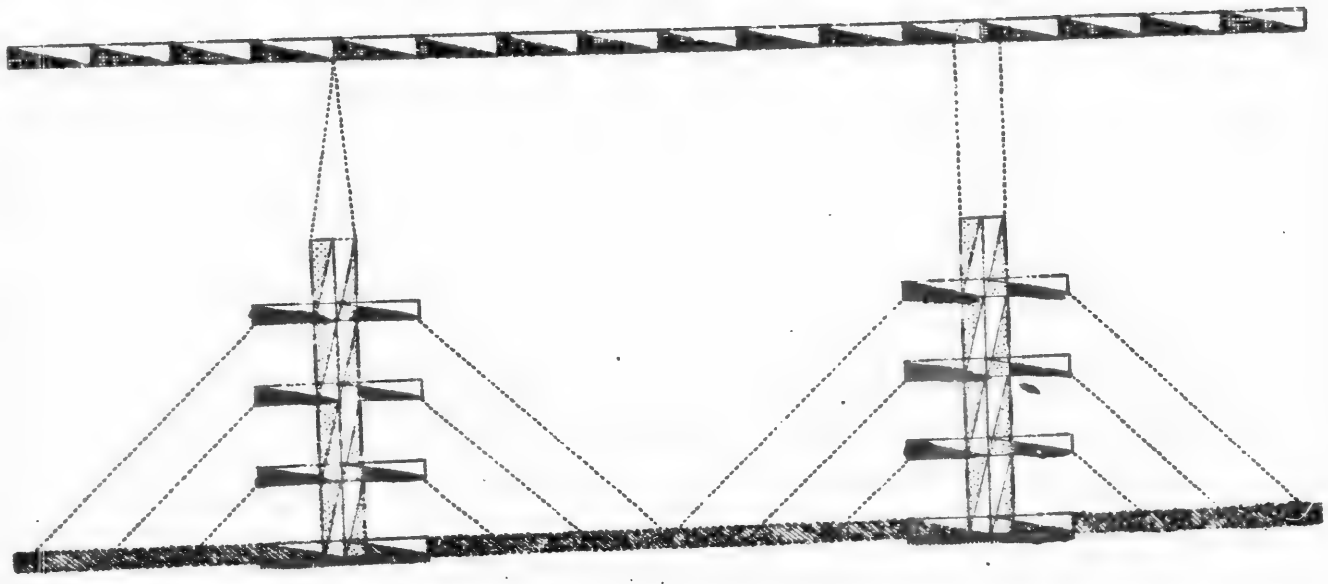


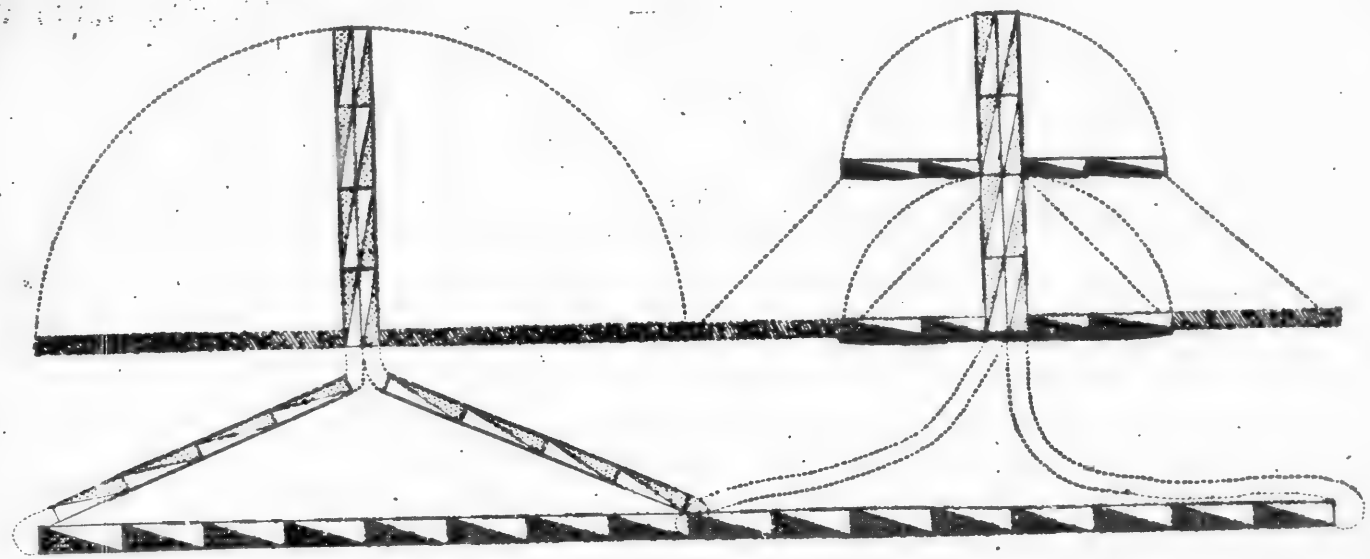


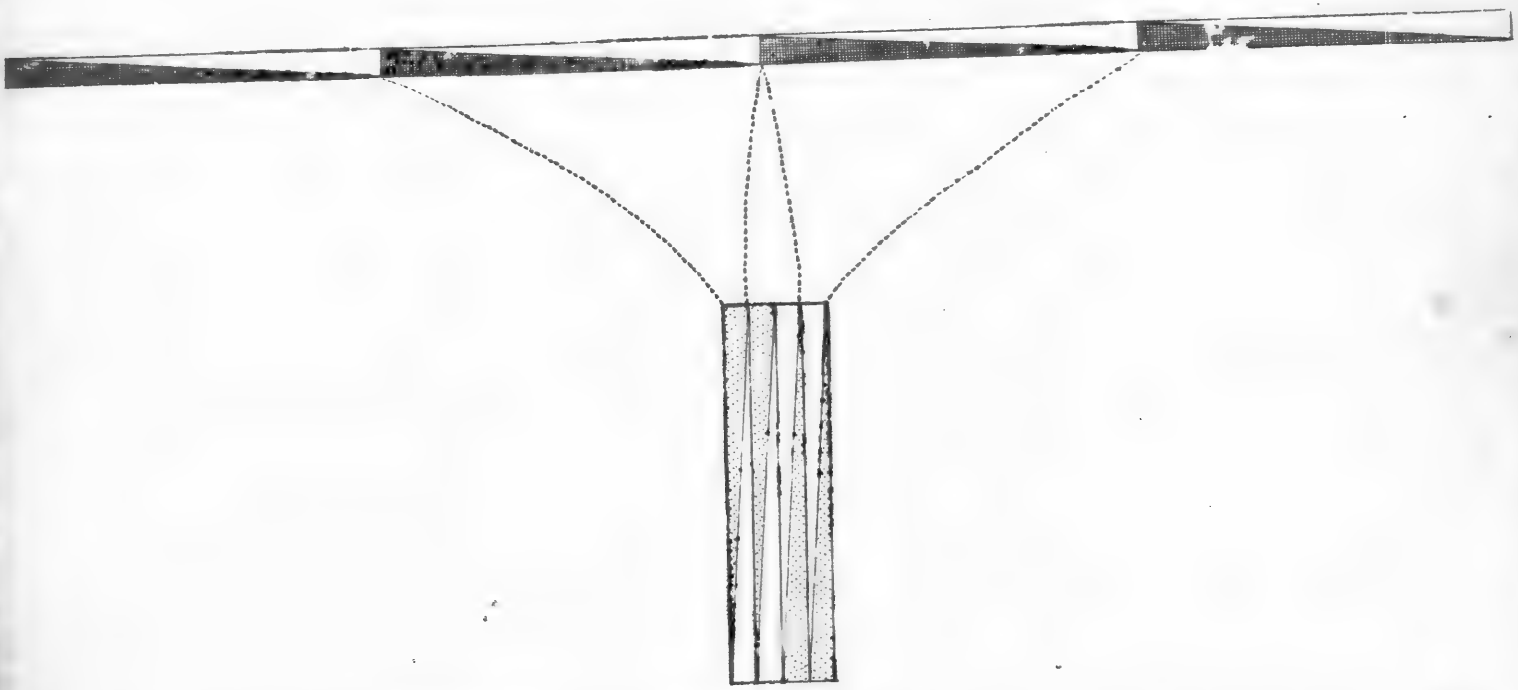


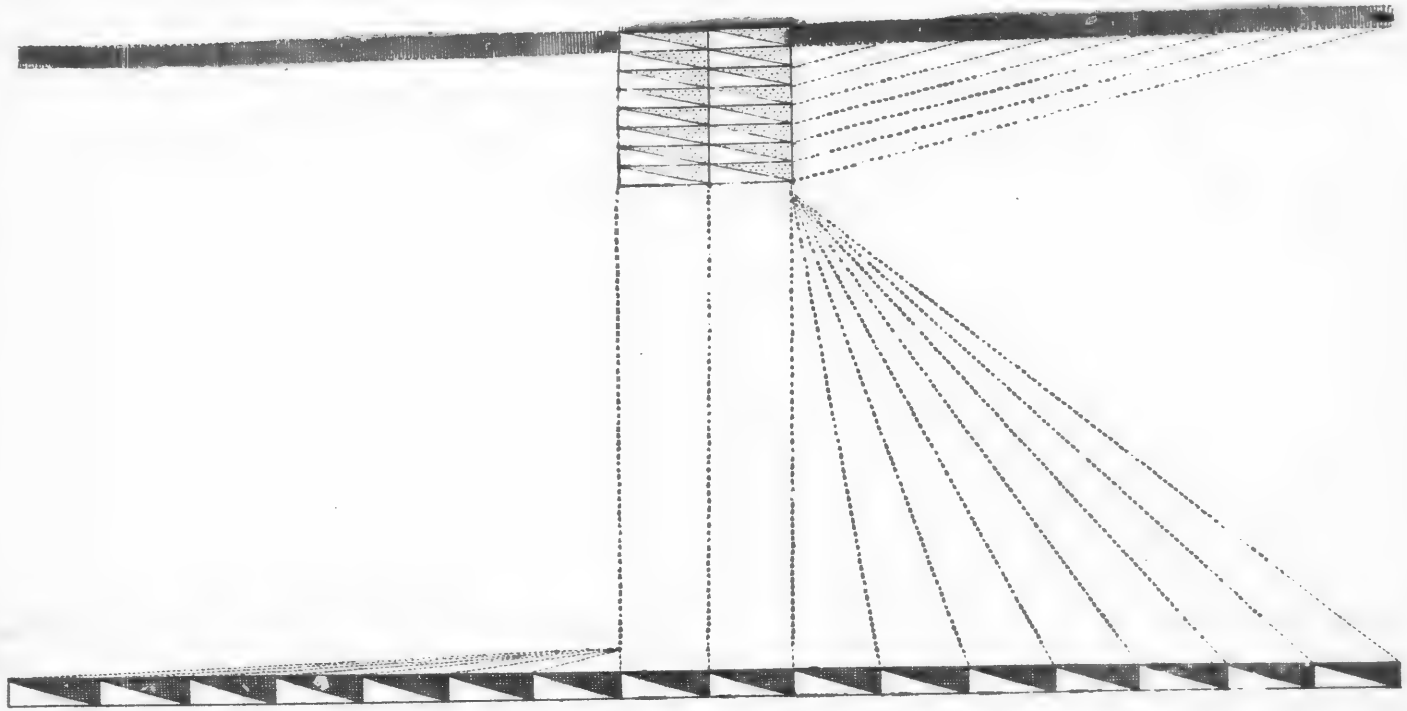


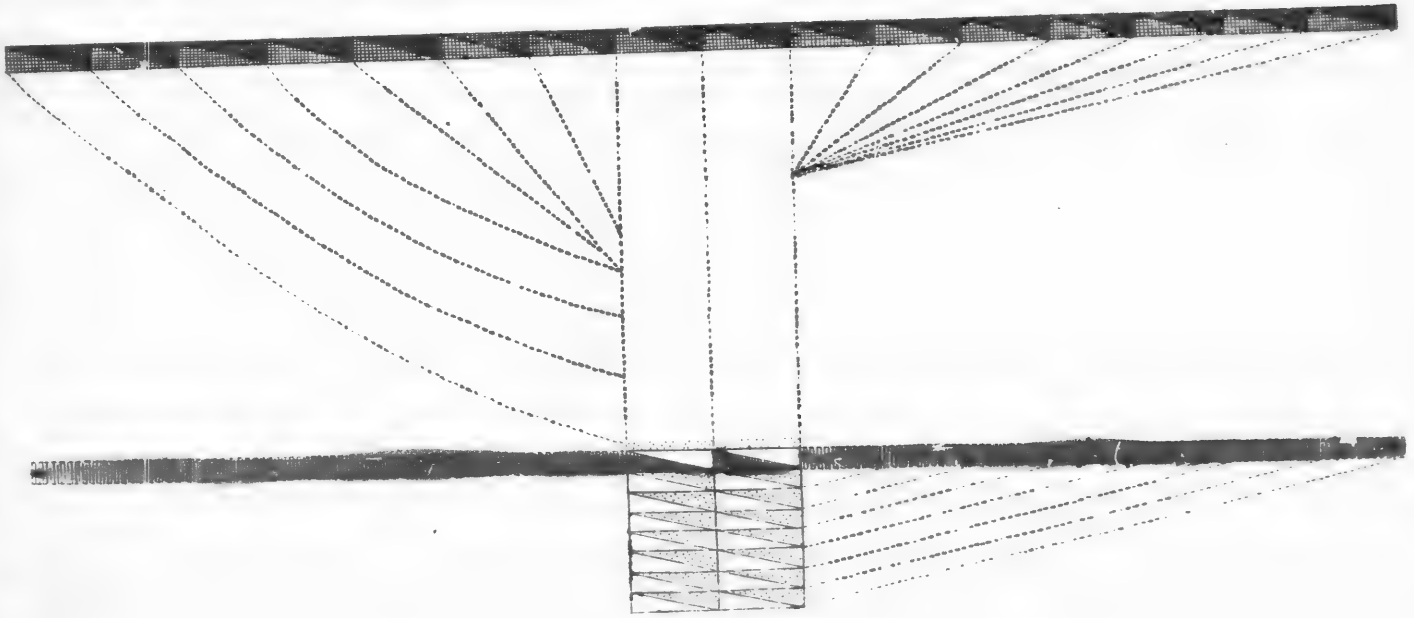


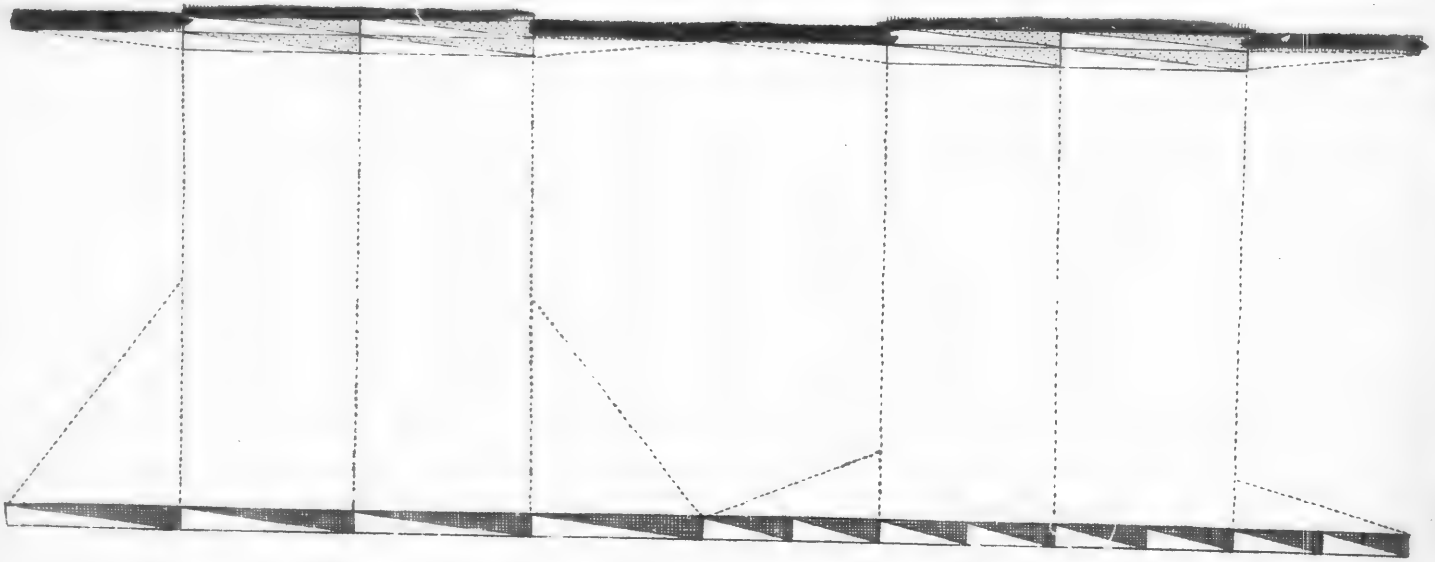


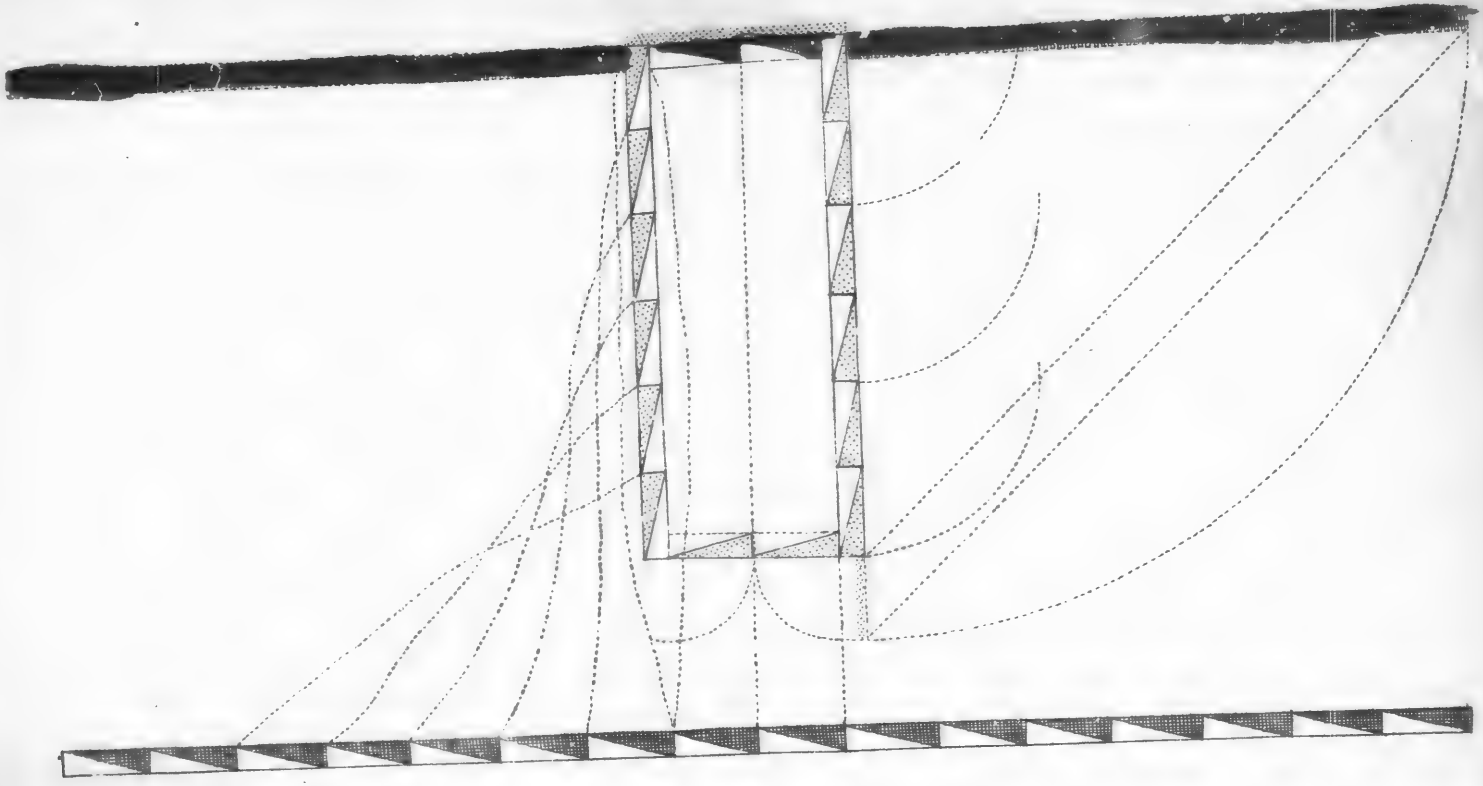


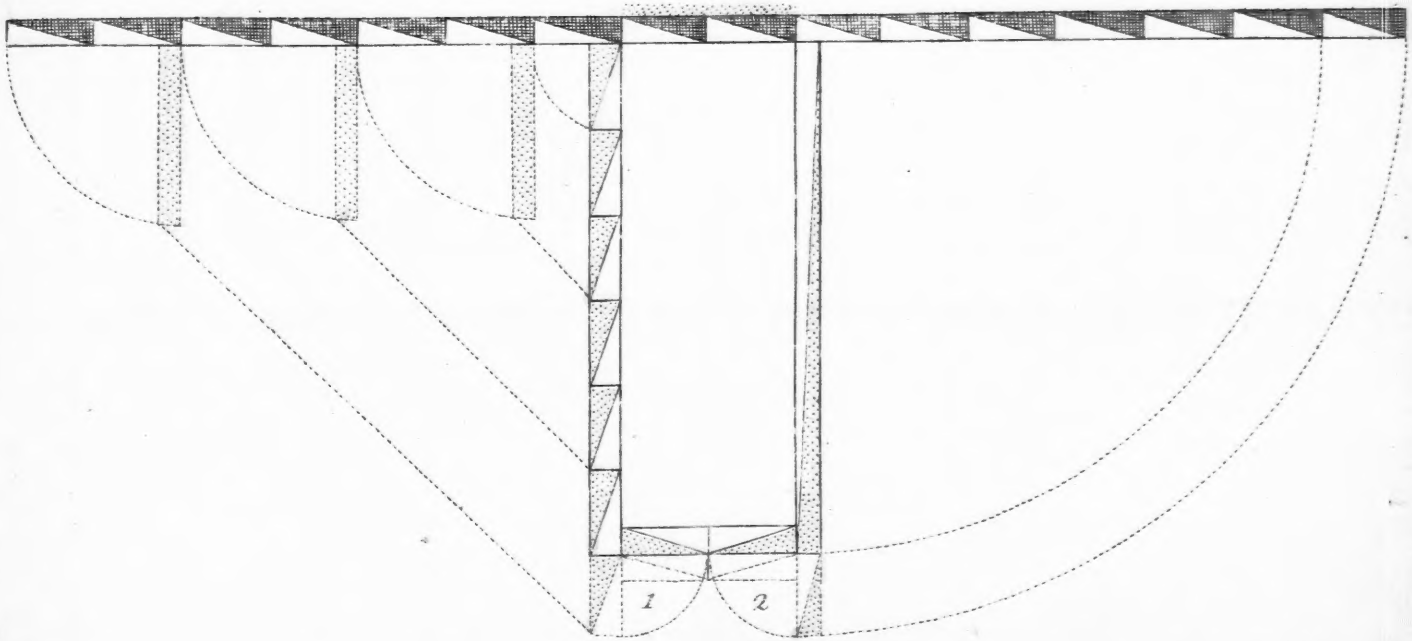








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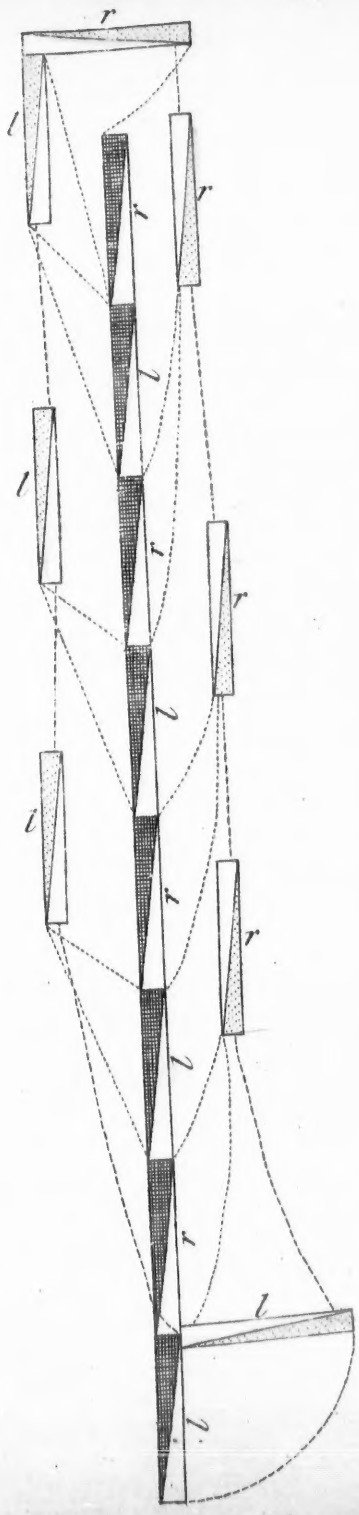
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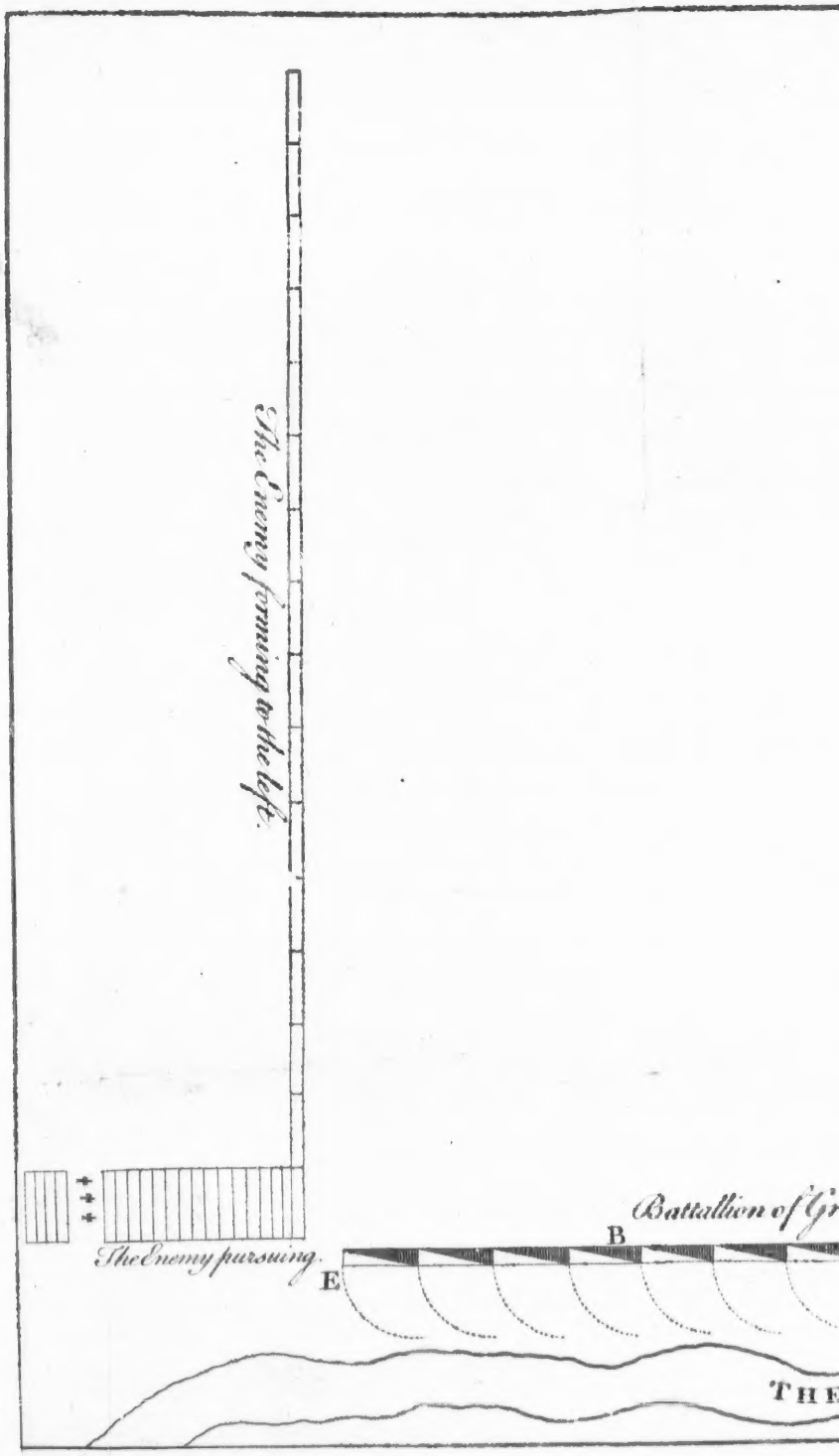
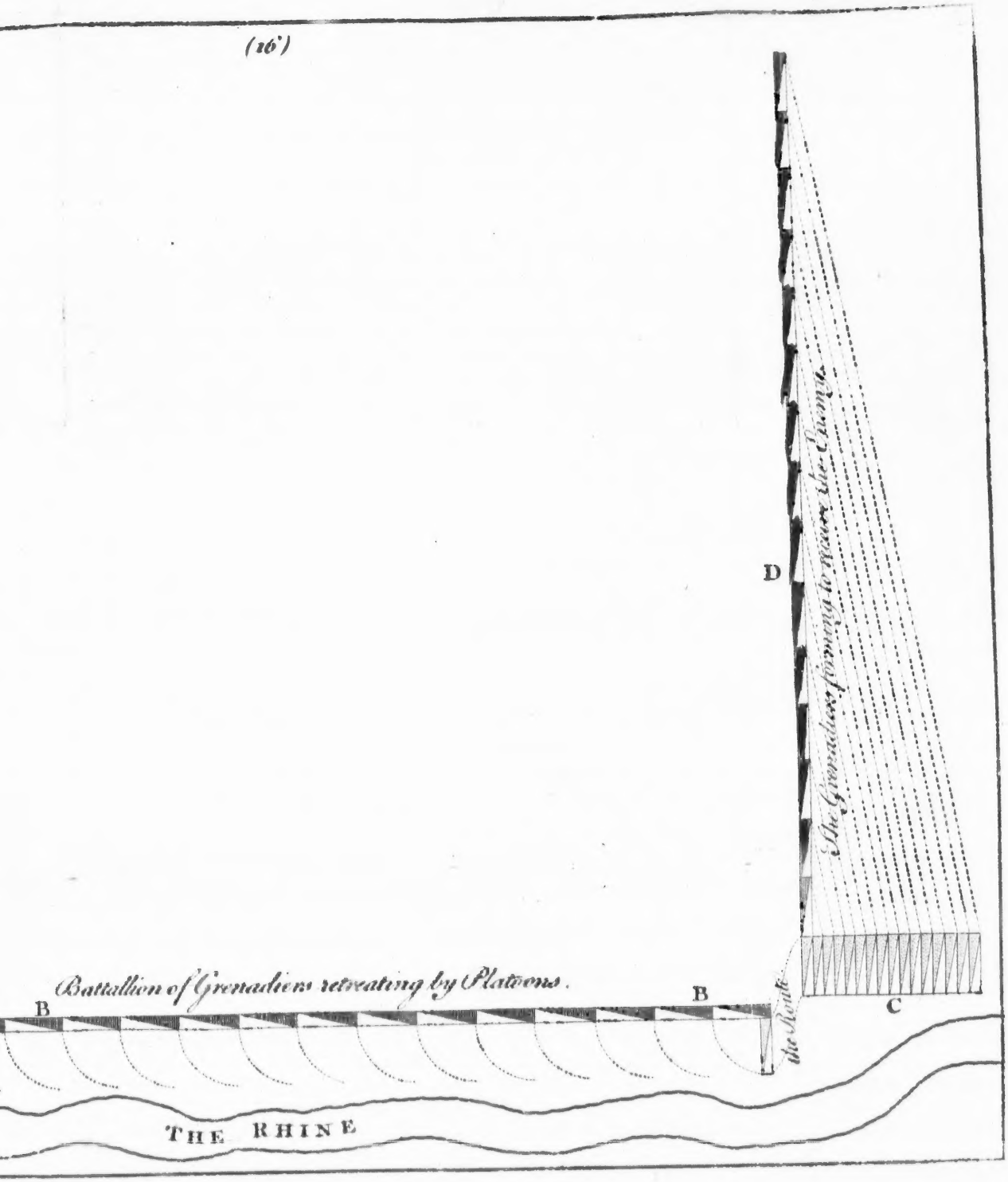

The Enemy forming to the left.
The Enemy pursuing.
Battallion of Gr
B
E
THE


D
The Grenadiers retreating by Platoons
C
Battallion of Grenadiers retreating by Platoons.
B
B
the Bank
THE RHINE